

# Detention/Sedimentation Pond Features



Existing view looking south on 30th Street just south of Glen Eyrie entrance



Detention and sediment management area viewed looking south from 30th Street. New vegetation is shown at approximately 10-15 years of typical non-irrigated growth.



Detention and sediment management area looking north from 30th Street..

- ◆ To be located in the northern portion of Garden of the Gods Park.
- ◆ Approximately 175 acre-feet storage capacity (1 football field x 160-foot deep); 125 acre-feet for water and 50 acre-feet for sediment
- ◆ Will be constructed by building up soil to form a dam and digging down upstream of the dam to gain more storage capacity.
- ◆ The sloped areas associated with the pond will be constructed at 4-foot-horizontal to 1-foot-vertical where practical with some variations to help the facility look more natural and facilitate re-establishment of vegetation.
- ◆ The area disturbed by the construction will be planted with native shrubs and grasses.
- ◆ The top of the dam will be approximately 28 feet higher than the bottom of the existing Camp Creek channel.
- ◆ The north portion of the pond will be designed to encourage sediment to be deposited. The City will remove the sediment as needed.
- ◆ The design, construction and operation of the dam will be regulated under the jurisdiction of the State Engineer.